

E. F. Houghton & Co.
Madison & Van Buren Aves.
Valley Forge, PA 19482

DPM 669 Corrosion Preventive Compound
U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

FEB 20 1980

MATERIAL SAFETY DATA SHEET

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Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME E. F. HOUGHTON & COMPANY		EMERGENCY TELEPHONE NO. 215-666-4065
ADDRESS (Number, Street, City, State, and ZIP Code) 303 W. Lehigh Avenue, Philadelphia, Pa. 19133		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS COSMOLINE 1090
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Ingredients not considered hazardous by present OSHA Regulations.					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H ₂ O=1)	0.90
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	Negligible
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____=1)	
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR	Clear amber liquid, bland odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	400°F Min.	FLAMMABLE LIMITS	LeI.	Uel.
EXTINGUISHING MEDIA	CO₂, Foam, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES	Not required			
UNUSUAL FIRE AND EXPLOSION HAZARDS				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	Unknown. 5 mg/cn meter for main ingredient-oil mists.
EFFECTS OF OVEREXPOSURE	Mild irritant to eyes.
EMERGENCY AND FIRST AID PROCEDURES	
Inhalation-N/A Skin-Wash with soap and water. Eyes-Flush with water for 15 minutes, consult physician. Ingestion-treat as mineral oil, induce vomiting, consult physician.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Strong oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS CO ₂ and/or CO			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Apply dry absorbent material and sweep up.
WASTE DISPOSAL METHOD	Follow regulations for disposal of waste petroleum oils.

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type) None needed		
VENTILATION	LOCAL EXHAUST Adequate	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES		EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT Not needed		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Avoid contact with strong oxidizers
OTHER PRECAUTIONS	